2023/10

ADEKA REMYLOP CLS-1194

Product Features

- One-component heat curing adhesive
- · High thermal resistance

Epoxy type (Halogen-free available)

Properties (uncured)

Viscosity / 25°C	0.5 rpm 5 rpm	10 4	Pa·s Pa·s
Thixotropic value	0.5 rpm/5 rpm	2.5	
Specific gravity		1.17	
Filler content		0	wt %
Nonvolatile content		> 99	%
Pot Life	25 °C	168	hrs
Shelf Life	≤5 °C	4	months
Viscosity / 25°C	≤-18 °C	12	months

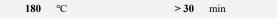
Cured Material Properties

Glass transition	TMA	177	°C
temperature	DMA	250	°C
Hardness	ShoreD	> D80	
Storage modulus/ 25°C	DMA at 25 °C	2.5	GPa
	DMA at 180 °C	1.3	GPa
Coefficient of linear expansion	α1	45	ppm

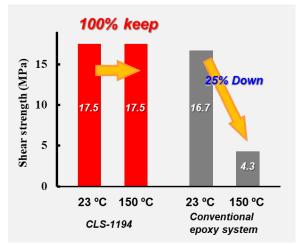
Curing characteristics

Maximum exothermic temp. of DSC	185	°C
Maximum exothermic value of DSC	750	mJ/mg

Recommended Curing Conditions



Adhesion



Fe/Fe Shear adhesion test (180 °C × 1 hr)

Usage

[Storage] Store in a sealed container at temperature below 5 °C (-18 °C recommended)

[Breaking the seal] To prevent moisture condensation, please bring the product to room temperature before opening the package.

[Curing] The adhesive must be heated sufficiently to reach the curing temperature. Curing conditions vary depending on the thermal capacity of the adherend and surrounding parts, the method of use, and the amount of coating applied.

[Disposal] Please refer to SDS for proper treatment.

[Others] Please contact us at the following

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